

## **APPENDIX 800**

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**APPENDIX 800**  
**(Access To The Toll Free Calling Database)**

**1. INTRODUCTION**

- 1.1 This Appendix sets forth the terms and conditions for Access to the Toll Free Calling Database provided by the applicable SBC Communications Inc. (SBC) owned Incumbent Local Exchange Carrier (ILEC) and CLEC.
- 1.2 SBC Communications Inc. (SBC) means the holding company which owns the following ILECs: Illinois Bell Telephone Company, Indiana Bell Telephone Company Incorporated, Michigan Bell Telephone Company, Nevada Bell Telephone Company, The Ohio Bell Telephone Company, Pacific Bell Telephone Company, The Southern New England Telephone Company, Southwestern Bell Telephone Company and/or Wisconsin Bell, Inc. d/b/a Ameritech Wisconsin.
- 1.3 As used herein, AMERITECH-ILLINOIS means the applicable above listed ILEC doing business in Illinois.

**2. DESCRIPTION**

- 2.1 Intentionally Omitted
- 2.2 AMERITECH-ILLINOIS' 800 database, an American National Standards Institute (ANSI) Signaling System 7 (SS7) call-related database system, receives updates processed from the national System Management System (SMS) database. Customer records in the SMS are created or modified by entities known as Responsible Organizations (Resp Org) who obtain access to the SMS via the System Management System/800 database, Tariff FCC No. 1. 800 Service Providers must either become their own Resp Org or use the services of an established Resp Org. The services of a Resp Org include creating and updating 800 records in the SMS to download to the 800 database(s). AMERITECH-ILLINOIS does not, either through a tariff or contract, provide Resp Org service.
- 2.3 After the 800 customer record is created in the SMS, the SMS downloads the records to the appropriate databases, depending on the area of service chosen by the 800 subscriber. An 800 customer record is created in the SMS for each 800 number to be activated. The SMS initiates all routing changes to update information on a nationwide basis.

- 2.4 Access to the Toll Free Calling Database allows CLEC to access **AMERITECH-ILLINOIS**' 800 database for the purpose of switch query and database response. Access to the Toll Free Calling Database supports the processing of toll free calls (e.g., 800 and 888) where identification of the appropriate carrier (800 Service Provider) to transport the call is dependent upon the full ten digits of the toll free number (e.g., 1+800+NXX+XXXX). Access to the Toll Free Calling Database includes all 800-type dialing plans (i.e., 800, 888, and other codes as may be designated in the future).
- 2.5 Access to the Toll Free Calling Database provides the carrier identification function required to determine the appropriate routing of an 800 number based on the geographic origination of the call, from a specific or any combination of NPA/NXX, NPA or LATA call origination detail.
- 2.6 There are three optional features available with 800 service:
- 2.6.1 Designated 10-Digit Translation;
  - 2.6.2 Call Validation; and
  - 2.6.3 Call Handling and Destination.
- 2.6.4 The Designated 10-Digit Translation feature converts the 800 number into a designated 10-digit number. If the 800 Service Provider provides the designated 10-digit number associated with the 800 number and request delivery of the designated 10-digit number in place of the 800 number, **AMERITECH-ILLINOIS** will deliver the designated 10-digit number.
- 2.6.5 The Call Handling and Destination feature allows the customer to create routing schemes utilizing:
- 2.6.5.1 Time of Day
  - 2.6.5.2 Day of Week
  - 2.6.5.3 Day of Year
  - 2.6.5.4 Allocation of Traffic by Percentage
  - 2.6.5.5 NPA-NXX-XXXX
- 2.6.6 The Call Validation feature List Turnaround feature (referred to as the Six-Digit Master Number List Turnaround feature in **AMERITECH-**

ILLINOIS region) applies when customer identification is performed for Canadian and Caribbean toll free numbers. This feature is billed in lieu of the Basic Toll Free Access Query charge.

### 3. GENERAL TERMS AND CONDITIONS

- 3.1 CLEC may obtain access to toll free calling database services from other providers, and is not obligated by this Appendix to use any such services of AMERITECH-ILLINOIS.
- 3.2 Access to the Toll Free Calling Database provided under these terms and conditions is only available for use in the provision of telephone exchange and Exchange Access Telecommunication Services as specified in the Telecommunications Act of 1996 and any effective rules and regulations of the Federal Communications Commission and the State regulatory Commission.
- 3.3 Access to the Toll Free Calling Database is offered separate and apart from other unbundled network elements necessary for operation of the network routing function addressed in these terms and conditions, e.g., end office 800 (SSP) functionality and (CCS/SS7) signaling. This Appendix is separate from the prices, terms, conditions and billing for such related elements, and in no way shall this Appendix be construed to circumvent the prices, terms, conditions or billing as specified for such related elements.
- 3.4 CLEC shall address its queries to AMERITECH-ILLINOIS' database to the alias point code of the STP pair identified by AMERITECH-ILLINOIS. CLEC's queries shall use subsystem number 0 in the calling party address field and a translations type of 254 with a routing indicator set to route on global title. CLEC acknowledges that such subsystem number and translation type values are necessary for AMERITECH-ILLINOIS to properly process queries to its 800 database.
- 3.5 Each Party warrants to the other that it shall send queries and SS7 messages conforming to the ANSI approved standards for SS7 protocol and pursuant to the Specifications and Standards documents attached and incorporated herein in Exhibit I. Both Parties acknowledge that transmission in said protocol is necessary for each Party to provision Access to the Toll Free Calling Database (or the equivalent thereof). Each Party reserves the right to modify its network pursuant to other specifications and standards, which may include Telcordia's specifications, defining specific service applications, message types, and formats, that may become necessary to meet the prevailing demands within the

U.S. telecommunications industry. All such changes shall be announced in accordance with the then prevailing industry standard procedures. Each Party shall work cooperatively to coordinate any necessary changes.

- 3.6 CLEC acknowledges and agrees that CCS/SS7 network overload due to extraordinary volumes of queries and/or other SS7 network messages can and will have a detrimental effect on the performance of AMERITECH-ILLINOIS' CCS/SS7 network and its 800 database. CLEC further agrees that AMERITECH-ILLINOIS, at its sole discretion, may employ certain automatic and/or manual overload controls within AMERITECH-ILLINOIS' CCS/SS7 network to guard against these detrimental effects. Protective controls will be applied in a non-discriminatory manner so as not to favor AMERITECH-ILLINOIS or its affiliates over CLEC, nor to favor any telecommunications provider using the network over any other. AMERITECH-ILLINOIS shall report to CLEC any instances where overload controls are invoked. CLEC shall take immediate corrective actions as are necessary to cure the conditions causing the overload situation when caused by CLEC's CCS/SS7 network.
- 3.7 During periods of 800 database system congestion, AMERITECH-ILLINOIS shall utilize an automatic code gapping procedure to control congestion that may affect the service of all customers of AMERITECH-ILLINOIS' 800 database. The automatic code gapping procedure used by AMERITECH-ILLINOIS shall notify the CLEC's switch of the gap length (how long CLEC's switch should wait before sending another query) and the gap duration (how long the switch should continue to perform gapping). For example, during an overload condition, the automatic code gapping procedures shall tell AMERITECH-ILLINOIS' 800 database when to begin to drop one out of three queries received. This code gapping procedure shall be applied uniformly to all users of AMERITECH-ILLINOIS' 800 database. AMERITECH-ILLINOIS reserves the right to manually invoke the automatic code gapping procedure to control congestion.
- 3.8 Prior to AMERITECH-ILLINOIS initiating service under this Appendix, CLEC shall provide an initial forecast of busy hour query volumes. CLEC shall update its busy hour forecast for each upcoming calendar year (January - December) by October 1 of the preceding year and also whenever CLEC anticipates a change to existing forecasts. CLEC shall provide such updates each year for as long as this Appendix is in effect; provided, the obligation to provide updates shall not extend for longer than three years, assuming this Appendix in effect for that long or longer. If prior to the establishment of a mutually agreeable service effective date, in writing, AMERITECH-ILLINOIS, at its discretion, determines that it lacks adequate processing capability to provide Access to the Toll Free Calling Database to CLEC, AMERITECH-ILLINOIS shall notify CLEC of AMERITECH-ILLINOIS'

intent not to provide the services under this Appendix and this Appendix will be void and have no further effect. If **AMERITECH-ILLINOIS** is already providing the service described in this Appendix to CLEC under a predecessor agreement, the preceding sentence shall not apply.

- 3.9 **AMERITECH-ILLINOIS** shall test the Access to the Toll Free Calling Database in conjunction with CCS/SS7 Interconnection Service (e.g., Appendix SS7) as outlined in Telcordia Technical References TR-NWT-000533, TR-NWT-000954, TR-TSV-000905, TP76638, GR-954-CORE, GR-905-CORE and Pacific Bell PUB L-780023-PB/NB and **SBC-AMERITECH** AM-TR-OAT-000069
- 3.10 CLEC shall only use Access to the Toll Free Calling Database to determine the routing requirements for originating 800 calls. Neither CLEC nor carrier customers of CLEC, if CLEC is acting on behalf of other carriers, shall use the database information to copy, store, maintain or create any table or database of any kind or for any purpose. If CLEC acts on behalf of other carriers to access **AMERITECH-ILLINOIS**' Toll Free Calling Database, CLEC shall prohibit such carriers from copying, storing, maintaining, or creating any table or database of any kind from any response provided by **AMERITECH-ILLINOIS** after a query to **AMERITECH-ILLINOIS**' Toll Free Calling Database. CLEC shall only use this network element in connection with the provision of telephone exchange and Exchange Access services.
- 3.11 CLEC shall ensure that it has sufficient link capacity and related facilities to handle its signaling and toll free traffic without adversely affecting other network subscribers.
- 3.12 **AMERITECH-ILLINOIS** shall provide Access to the Toll Free Calling Database as set forth in this Appendix only as such elements are used for CLEC's activities on behalf of its local service customers where **AMERITECH-ILLINOIS** is the incumbent local exchange carrier. CLEC agrees that any other use of **AMERITECH-ILLINOIS**'s Toll Free Calling Database for the provision of 800 database service by CLEC will be pursuant to the terms, conditions, rates, and charges of **AMERITECH-ILLINOIS**'s effective tariffs, as revised, for 800 database services.

### 3.13 Ordering and Billing Inquiries

3.13.1 Ordering and billing inquiries for the elements described herein shall be directed to:

For **AMERITECH-ILLINOIS** - the AIIS Service Center in Milwaukee, Wisconsin.

## 4. **RATE REGULATIONS**

4.1 CLEC shall pay a Local Service Order Request Charge for each CLEC request for service order activity to establish Access to the Toll Free Calling Database in the **AMERITECH-ILLINOIS** region.

4.2 The prices at which **AMERITECH-ILLINOIS** agrees to provide CLEC with Access to the Toll Free Calling Database are contained in the applicable Appendix PRICING and/or the applicable Commission ordered tariff where stated.

4.3 CLEC shall pay a nonrecurring charge when a CLEC establishes or changes a signaling point code. The rates and charges for Signaling Point Code(s) are described in the Appendix SS7. This charge also applies to point code information provided by CLECs allowing other telecommunications providers to use the CLEC's SS7 signaling network.

### 4.4 Rate Elements

There are four rate elements associated with Access to the Toll Free Calling Database:

4.4.1 Basic Toll Free Access Query Rate Element

4.4.2 Designated 10-Digit Translation Rate Element (referred to as POTS Translations in **AMERITECH-ILLINOIS**)

4.4.3 Call Validation Rate Element (referred to as Multiple Destination Routing Rate Element in **AMERITECH-ILLINOIS**).

4.4.4 Call Handling and Destination Rate Element (referred to as Six-Digit Master Number List Turnaround Rate Element in **AMERITECH-ILLINOIS** and 800 Database Vertical Feature in **AMERITECH-ILLINOIS**).



- 4.5 CLEC shall pay the Basic Toll Free Access query rate for each query received and processed by AMERITECH-ILLINOIS' database. When applicable, the charge for the additional features (Designated 10-Digit Translation, Call Validation, and Call Handling and Destination) are per query and in addition to the Basic Toll Free Access query charge; and shall also be paid by CLEC.

## **5. MONTHLY BILLING**

- 5.1 For information regarding billing, non-payment, disconnects, and dispute resolution, see the General Terms and Conditions of this Agreement.

## **6. APPLICABILITY OF OTHER RATES, TERMS AND CONDITIONS**

- 6.1 Every interconnection, service and network element provided hereunder, shall be subject to all rates, terms and conditions contained in this Agreement which are legitimately related to such interconnection, service or network element.

**APPENDIX 800**  
**EXHIBIT I**

**1. SPECIFICATIONS AND STANDARDS**

<b>1.1</b>	<b><u>Description of Subject Area And Issuing Organization</u></b>	<b><u>Document Number</u></b>
1.1.1	Telcordia, SS7 Specifications	TR-NWT-000246
1.1.1.1		TR-NWT-000271
1.1.1.2		TR-NWT-000533
1.1.2	Telcordia, CCS Network Interface Specifications	TR-TSV-000905
1.1.2.1		TP 76638
1.1.2.2		TR-NWT-00095